Title (en)
VALVE GEAR LEVER

Title (de)
VENTILTRIEBHEBEL

Title (fr)
LEVIER MOTEUR DE SOUPAPE

Publication
EP 3401517 B1 20210113 (DE)

Application
EP 18169713 A 20180427

Priority
AT 1872017 A 20170508

Abstract (en)
[origin: US2018320563A1] A valve train lever for actuating a valve of a reciprocating piston engine, in particular an internal combustion engine. The valve train lever comprises a lever arm, which is pivotally movable about a pin; a tapping element, which lies against or can be made to lie against a cam of a camshaft of the reciprocating piston engine; a coupling mechanism, by way of which the tapping element is coupled to the lever arm spring-elastically in a first state and rigidly in a second state; and an actuating element, which is connected to the lever arm and lies against or can be made to lie against a valve tappet of the valve.

IPC 8 full level
F01L 1/18 (2006.01); F01L 13/00 (2006.01)

CPC (source: AT CN EP RU US)
F01L 1/18 (2013.01 - CN); F01L 1/181 (2013.01 - AT EP RU US); F01L 1/2416 (2013.01 - RU US); F01L 13/0005 (2013.01 - EP RU US); F01L 13/06 (2013.01 - AT CN RU); F02D 13/0276 (2013.01 - CN); F01L 2001/186 (2013.01 - EP US); F01L 2001/2444 (2013.01 - US); F01L 2305/00 (2020.05 - EP US); F01L 2810/04 (2013.01 - EP US); F01L 2820/031 (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3401517 A1 20181114; EP 3401517 B1 20210113; AT 519946 A1 20181115; AT 519946 B1 20190715; BR 102018009268 A2 20190122; BR 102018009268 A8 20230131; CN 108868935 A 20181123; CN 108868935 B 20220624; RU 2018116612 A 20191105; RU 2018116612 A3 20210827; RU 2763354 C2 20211228; US 10927717 B2 20210223; US 2018320563 A1 20181108

DOCDB simple family (application)
EP 18169713 A 20180427; AT 1872017 A 20170508; BR 102018009268 A 20180507; CN 201810431655 A 20180508; RU 2018116612 A 20180504; US 201815974038 A 20180508